Monday, January 14, 2019

WEBINARS

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SiPM and SPAD: Emerging Applications for Single-Photon Detection

Thursday, January 17, 2019 2:00 PM - 3:00 PM EST

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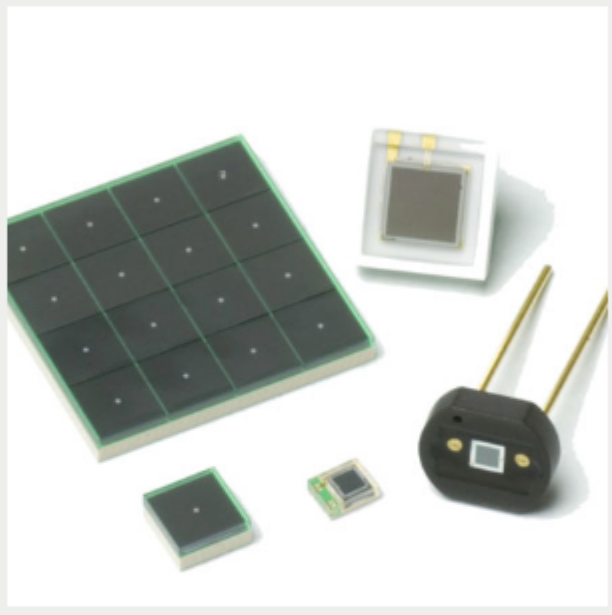
About This Webinar

This webinar will provide a thorough overview of silicon photomultipliers (SiPMs) and single-photon avalanche photodiodes (SPADs) for low-light level photodetection. The presenter will discuss how these sensors are designed and operated, as well as the similarities and differences between SiPMs, SPADs, and APDs. Attendees can also expect to learn about the newest versions of these sensors and the variety of applications for which they are suitable, including bioluminescence, flow cytometry, radiation monitoring, high-energy physics, and time-of-flight lidar.



About the presenter:
Slawomir S. Piatek is a senior university lecturer of physics at New Jersey Institute of Technology. As a science consultant at Hamamatsu Corporation in N.J., he has developed a photonics training program for engineers. Also at Hamamatsu, he is involved in popularizing SiPM as a novel photodetector by writing and lecturing about this technology and by experimenting with the device. Piatek has a Ph.D. in physics from Rutgers, The State University of New Jersey.

About Hamamatsu Corporation:
Hamamatsu Corporation is the North American subsidiary of Hamamatsu Photonics K.K. (Japan), a leading manufacturer of devices for the generation and measurement of IR, VIS, and UV light. These devices include detectors such as photodiodes, silicon photomultipliers (SiPM), IR detectors, and photomultiplier tubes (PMT). In addition, Hamamatsu Corporation offers image sensors, cameras, light sources, and specialized systems. Hamamatsu products are used throughout the world in scientific, industrial, and commercial applications. For more information, visit www.hamamatsu.com.

Mark Your Calendar

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